



**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8A)**

I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**

\_\_\_\_\_ deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

**FACSIMILE**

\_\_\_\_\_ transmitted by facsimile to the Patent and Trademark Office.

Date: 12 October 2004

Signature

Lisa L. Pringle

(type or print name of person certifying)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: )  
Richard L. Vogel ) Group Art Unit: 2661  
Serial No.: 09/812,022 )  
Filed: 19 March 2001 ) Examiner: A. Ton  
For: *Variable Bandwidth Satellite Communication Techniques*

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated July 15, 2004, issued in connection with the above-identified application, please enter and consider the following amendments and remarks.

**Amendments to the Abstract** begin on page 2 of this paper.

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of the claims, which begins on page 10 of this paper.

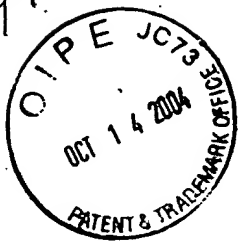
**Amendments to the Drawings** begin on page 19 and are reflected in the attached replacement sheets.

**Remarks/Arguments** begin on page 20 of this paper.

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2661

PATENT  
ATTORNEY DOCKET NO.: NG(MS)7226

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Vogel

Confirmation No.:

Application No.: 09/812,022

Examiner: A. Ton

Filing Date: 19 March 2001

Group Art Unit: 2661

Title: Variable Bandwidth Satellite Communication Techniques

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OCT 19 2004

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Technology Center 2600

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- |                                     |                             |                          |                                    |
|-------------------------------------|-----------------------------|--------------------------|------------------------------------|
| <input checked="" type="checkbox"/> | Response/Amendment          | <input type="checkbox"/> | Petition to extend time to respond |
| <input checked="" type="checkbox"/> | New fee as calculated below | <input type="checkbox"/> | Supplemental Declaration           |
| <input type="checkbox"/>            | No additional fee           |                          |                                    |
| <input type="checkbox"/>            | Other: _____ (fee \$ _____) |                          |                                    |

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
FOR	CLAIMS REMAINING AFTER AMENDMENT	NUMBER EXTRA	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEES
TOTAL CLAIMS	46	MINUS	40	0	\$18	\$108.00
INDEP. CLAIMS	2	MINUS	3	0	\$86	\$0.00
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					\$290.00	
EXTENSION FEE	1ST MONTH	2ND MONTH	3RD MONTH	4TH MONTH		
	\$110.00 <input type="checkbox"/>	\$420.00 <input type="checkbox"/>	\$950.00 <input type="checkbox"/>	\$1,480.00 <input type="checkbox"/>		
OTHER FEES						
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$108.00

Charge \$\_\_\_\_\_ to Deposit account 20-0090. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 20-0090 pursuant to 36 CFR 1.25. Additionally, please charge any fees to Deposit Account 20-0090 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

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Date: October 12, 2004

Lisa L. Pringle

Signature

Respectfully submitted,

By   
Christopher P. Harris

Attorney/Agent for Applicant(s)

Reg. No.: 43,660

Date: October 12, 2004

Telephone: (216)621-2234